AMENDMENTS TO THE CLAIMS

1-15. (Canceled)

16. (Previously presented) The audio system according to claim 18, wherein the DSP parameter includes constituent of a head relation transfer function for a right ear, constituent of a head relation transfer function for a left ear and constituent representing difference between both ears with respect to time of arrival of an identical sound at both ears.

17. (Canceled)

18. (Previously presented) An audio system comprising:

a virtual speaker position operation part, an adjustable position of a virtual speaker being given through the virtual speaker position operation part;

a sending unit for sending DSP parameter data that is prepared for each of sampling frequencies and includes data defining the adjustable position of the virtual speaker given through the virtual speaker position operation part;

a first memory for storing the DSP parameter data being sent from the sending unit;

audio signal terminals corresponding to sound sources, where audio signals from the sound sources are input through the audio signal terminals;

a selector for selecting a sound source from among the sound sources;

a sound field processor for sound field processing the sound signal from the selected sound source using one of the DSP parameter data corresponding to the sampling frequency of the sound source selected by the selector; and

3

an output terminal, the audio signal processed by the sound field processor being output through the output terminal,

wherein the sound field processor processes the sound signal using the DSP parameter data stored in the first memory and the audio system further comprises a second memory which stores an initial state of the DSP parameter data, and wherein the sound field processor operates according to the DSP parameter data stored in the second memory when the DSP parameter data is missing in the first memory.

19. (Currently amended) The ~~An~~ audio system according to claim 18, further comprising:

~~a virtual speaker position operation part, an adjustable position of a virtual speaker being given through the virtual speaker position operation part;~~

~~a sending unit for sending DSP parameter data that is prepared for each of sampling frequencies and includes data defining the adjustable position of the virtual speaker given through the virtual speaker position operation part;~~

~~a memory for storing the DSP parameter data being sent from the sending unit;~~

~~audio signal terminals corresponding to sound sources, where audio signals from the sound sources are input through the audio signal terminals;~~

~~a selector for selecting a sound source from among the sound sources;~~

~~a sound field processor for sound field processing the sound signal from the selected sound source using one of the DSP parameter data corresponding to the sampling frequency of the sound source selected by the selector;~~

~~an output terminal, the audio signal processed by the sound field processor being output through the output terminal; and~~

4

a central processing unit which detects whether the DSP parameter data

exists in the first memory and sets the sound field processor to a state of operation

using the DSP parameter data in the first memory,

~~wherein the sound field processor processes the sound signal using the DSP~~

~~parameter data stored in the memory.~~

20. (Previously presented) An audio system comprising:

a virtual speaker position operation part, an adjustable position of a virtual

speaker being given through the virtual speaker position operation part;

a sending unit for sending DSP parameter data that is prepared for each of

sampling frequencies and includes data defining the adjustable position of the virtual

speaker given through the virtual speaker position operation part;

a memory for storing the DSP parameter data being sent from the sending

unit;

audio signal terminals corresponding to sound sources, where audio signals

from the sound sources are input through the audio signal terminals;

a selector for selecting a sound source from among the sound sources;

a sound field processor for sound field processing the sound signal from the

selected sound source using one of the DSP parameter data corresponding to the

sampling frequency of the sound source selected by the selector; and

an output terminal, the audio signal processed by the sound field processor

being output through the output terminal,

wherein the sound field processor processes the sound signal using the DSP

parameter data stored in the memory, and the sending unit comprises a display screen

displaying a GUI image showing a virtual speaker item, a user adjusting the position of

5

the virtual speaker by moving the virtual speaker item, the sending unit sending DSP parameter data corresponding to the adjusted position of the virtual speaker by the user.

21. (Previously presented) The audio system according to claim 19, wherein the DSP parameter includes constituent of a head relation transfer function for a right ear, constituent of a head relation transfer function for a left ear and constituent representing difference between both ears with respect to time of arrival of an identical sound at both ears.

22. (Previously presented) The audio system according to claim 20, wherein the DSP parameter includes constituent of a head relation transfer function for a right ear, constituent of a head relation transfer function for a left ear and constituent representing difference between both ears with respect to time of arrival of an identical sound at both ears.